

TLSI.P-001-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Simon, Thor Confirmation No.: 1862
Serial Number: 10/604,863 Art Unit: 2661
Filing Date: August 22, 2003 Examiner:
Title: Improved Signaling System for Telecommunications

RECEIVED
CENTRAL FAX CENTER

DEC 08 2003

OFFICIAL

PRIORITY CLAIM


Commissioner for Patents
P O Box 1450
Alexandria, VA 22313-1450

Sir:

Please make of record that this application is a continuation of U.S. application number 09/857,136, filed November 12, 1999, incorporated herein by reference, which claims priority from U.S. application number 60/110,398, filed December 1, 1998, and which claims priority from U.S. application number 60/132,552, filed May 5, 1999. Please see highlighted copies of the Filing Receipt received, the Application Data Sheet as filed, and the first page of the application Specification as filed.

We do not believe there is any fee associated with this request. However, if need be, the Commissioner is authorized to debit any fees deemed due from Deposit Account Number 15-0610.

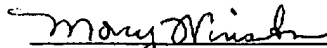
Respectfully submitted,
OPPEDAHL & LARSON LLP


Carl Oppedahl, USPTO Reg. No.: 32,746
P O Box 5068
Dillon, CO 80435-5068
970-468-6600/tel. 970-468-0104/fax

Certificate of Facsimile under 37 CFR § 1.8(a)

I hereby certify that this paper and the attachments named herein are being transmitted to the United States Patent and Trademark Office via facsimile to fax number 703-872-9306, on December 8, 2003.

December 8, 2003
Date


Mary Winston



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/604,863	08/22/2003	2661	762	TLSI.P001-2	4	35	9

CONFIRMATION NO. 1862

21121
OPPEDAHL AND LARSON LLP
P O BOX 5068
DILLON, CO 80435-5068

FILING RECEIPT



OC000000011357512

Date Mailed: 11/25/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Thor Simon, New York, NY;

Domestic Priority data as claimed by applicant

This application is a CON of 09/857,136 09/10/2001 *

(*)Data provided by applicant is not consistent with PTO records.

Foreign Applications

If Required, Foreign Filing License Granted: 11/25/2003

Projected Publication Date: 03/04/2004

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

IMPROVED SIGNALING SYSTEM FOR TELECOMMUNICATIONS

Preliminary Class

COPY

370

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

US-Request

Page 1 of 2

APPLICATION DATA SHEET

Electronic Version v1.4

Stylesheet Version v14.0

Title of Invention

IMPROVED SIGNALING SYSTEM FOR TELECOMMUNICATIONS

Application Type: regular, utility

Attorney Docket Number: TLSI.P001-2

Correspondence address:

Customer Number:

21121

21121

Continuing Data:

This is a Continuation of US application number 09857136, filed 1999-11-12, now pending.

US application number 09857136, filed 1999-11-12 is a Non-Provisional of US application number 60110398, filed 1998-12-01, now expired.

US application number 09857136, filed 1999-11-12 is a Non-Provisional of US application number 60132552, filed 1999-05-05, now expired.

Inventor Information:

Inventor 1:

Applicant Authority Type: Inventor

Citizenship: US

Given Name: Thor

Family Name: Simon

City of Residence: New York

State of Residence: NY

Country of Residence: US

Address-1 of Mailing Address: 116 Pinehurst Ave

Address-2 of Mailing Address:

City of Mailing Address: New York

State of Mailing Address: NY

Postal Code of Mailing Address: 10033

Country of Mailing Address: US

US-Request

Page 2 of 2

Phone:

Fax:

E-mail:

Attorney Information:

practitioner(s) at Customer Number:

21121

21121

as my attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Publication Information:

Suggested Figure for Publication - 4

Suggested Classification -

Suggested Technology Center -

Total Number of Drawing Sheets - 4

Electronic Version

Stylesheet Version v1.1.1

Description

IMPROVED SIGNALING SYSTEM FOR TELECOMMUNICATIONS

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This is a continuation of US appl. no. 09/857,136, filed November 12, 1999, incorporated herein by reference, which claims priority from US appl. no. 60/110,398, filed December 1, 1998, and which claims priority from US appl. no. 60/132,552, filed May 5, 1999.

BACKGROUND OF INVENTION

[0002] In modern telephone networks, the voice path between a calling party and a called party and the signalling path which is used to control call-processing (call setup, tear-down, billing, etc.) are distinct. This network architecture is known as a "Common Channel Signaling" ("CCS") architecture and is common throughout the North American Public Switched Telephone Network ("PSTN") and other telephone carrier networks worldwide.

[0003] The CCS architecture enables rapid call setup and tear-down as well as many advanced services (i.e. Alternate Billing Services, "800" toll-free calling, Intelligent Network services, wireless roaming, Local Number Portability). In the CCS, telephone switches are connected directly to each other by voice trunks (as in previous architectures) and are also connected by a parallel network of signaling links, which are point-to-point digital data circuits generally operating at 56 kilobits per second